

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:	
Guang Q. Li	
Serial No.:	<i>To be assigned</i>
Filed:	February 12, 2004
For:	POLAR-MODIFIED BONDED PHASE MATERIALS FOR CHROMATOGRAPHIC SEPARATIONS

Examiner: *To be assigned*

Art Unit: *To be assigned*

I, Debbie Kus, hereby certify that on February 12, 2004 this correspondence is being deposited with the United States Postal Service as Express Mail, No. EL 975 714 345 US in an envelope addressed to the Mail Stop PATENT APPLICATION, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Signature Debbie Kus Date Signed 2/12/04

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INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with the Applicant's duty of disclosure under 37 CFR §1.56 and further in accordance with the provisions of 37 CFR §1.97 and 1.98, the Examiner is requested to consider and cite the references listed on the enclosed form.

The filing of an Information Disclosure Statement shall not be construed to be an admission that the information cited in the statement is, or is considered to be prior art or material to patentability as defined by §1.56.

A copy of the non-patent literature is enclosed for the Examiner's convenience.

Consideration and citation of the reference is respectfully requested and deemed in order.

Respectfully submitted,



Bella Fishman
Agent for Applicant
Registration No. 37,485

Date: February 12, 2004

Varian, Inc.
Legal Department
3120 Hansen Way, D-102
Palo Alto, CA 94304
(650) 424-5086

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Application Number	
Filing Date	February 12, 2004
First Named Inventor	Guang Q. Li
Art Unit	
Examiner Name	
Attorney Docket Number	03-34 US

Sheet **1** of **3****U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	1	US- 5,075,371	12/24/1991	IBF	
	2	US- 5,234,991	08/10/1993	Pasteur Merieux Serums ...	
	3	US- 5,268,097	12/07/1993	Sepracor Inc.	
	4	US- 5,374,755	12/20/1994	Millipore Corporation	
	5	US- 6,071,410	06/06/2000	Varian, Inc.	
	6	US- 6,645,378	11/11/2003	Dionex Corporation	
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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				Art Unit	
				Examiner Name	
				Attorney Docket Number	03-34 US

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	7	Book by UD NEUE, entitled "HPLC Columns: Theory, Technology, and Practice, published by Wiley-VCH, Inc. New York (1997).	
	8	Book by EF VANSANT ET AL., entitled "Characterization and Chemical Modification of the Silica Surface" published by Elsevier Science B.V., New York (1995).	
	9	Book by RPW SCOTT, entitled "Silica Gel and Bonded Phases, Their Production, Properties and Use in LC, published by John Wiley & Sons, New York (1993)	
	10	Article by LC SANDER, ET AL. entitled "Synthesis and Characterization of Polymeric C18 Stationary Phases for Liquid Chromatography" published Analytical Chemistry, Vol. 56, No. 3, March 1984, pages 504-510.	
	11	Article by P TUNDO ET AL., entitled "Synthesis, Catalytic Activity, and Behavior of Phase-Transfer Catalysts Supported on Silica Gel. Strong Influence of Substrate Adsorption on the Polar Polymeric Matrix on the Efficiency of the Immobilized Phosphonium Salts" published by Journal of the American Chemical Society, 101:22/ October 24, 1979, pages 6606-6613.	
	12	Article by N OI ET AL., entitled "High-Performance Liquid Chromatographic Separation of Enantiomers on (1.R,3R)- Trans-Chrysanthemic Acid and its Amide Derivatives Bonded to Silica Gel, published by Elsevier Science Publishers BV, 1983, pages 487-493.	
	13	Article by A NOMURA ET AL., entitled "Acylation of Aminopropyl-Bonded Silica Gel for Liquid Chromatography", published by Analytical Sciences, June 1987, Vol. 3, pages 209-212.	
	14	Article by B BUSZEWSKI ET AL., entitled "Chemically Bonded Phases for the Reversed-Phase High-Performance Liquid Chromatographic Separation of Basic Substances", published by Journal of Chromatography, 552, (1991), pages 415-427.	
	15	Article by T ASCAH ET AL., entitled "Novel, Highly Deactivated Reversed-Phase for Basic Compounds" published by Journal of Chromatography, 506, (1990), pages 357-369.	
	16	Article by JE O'GARA ET AL., entitled "Systematic Study of Chromatographic Behavior vs Alkyl Chain Length for HPLC Bonded Phases Containing an Embedded Carbamate Group" published by Anal. Chem, 1999, 71, pages 2992-2997.	

Examiner Signature		Date Considered	
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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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Guang Q. Li

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Attorney Docket Number

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NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	17	Book entitled "Handbook of Chemistry and Physics", - Table of Constant RH Solutions, published by Chemical rubber Co. Press, Cleveland, Ohio	
	18	Article by GQ LI, entitled "Reversed Phase HPLC Columns for Drug Discovery and Pharmaceutical Method Development, present at Pittcon 2003.	

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